

ABSTRACT OF THE DISCLOSURE

In a image processing apparatus executing an error diffusion process, normal error diffusion process is performed when an input pixel value is not "0". When the input value is "0" (white pixel), "0" is automatically output, error memory of the pixel is reset, and calculation and distribution of the error are not performed. Accordingly, the speed of processing of the image processing apparatus can be improved. Further, by setting smaller the threshold value in error diffusion, the influence caused by resetting of the error memory and delay in generating a dot can be prevented.